

SEDIMENTATION AND EROSION CONTROL NOTES

- A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THE SOIL EROSION AND SEDIMENT CONTROL PLANS, THE STANDARD DETAILS, THE PLAN NARRATIVE, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE (SWPPP) AND THE ILLINOIS GENERAL CONSTRUCTION PERMIT (ILR10) AND BECOME FAMILIAR WITH THEIR CONTENTS AND SIGN THE CERTIFICATION FORMS.
- C. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY, PROJECT ENGINEER OR OWNER.
- D. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- E. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- F. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- G. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- H. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED. WATER USE MUST NOT CAUSE ADDITIONAL EROSION.
- I. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- J. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE (SWPPP), SHALL BE INITIATED AS SOON AS PRACTICABLE.
- K. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT, WASHING SHALL BE IMPLEMENTED AND PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- L. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED BY THE END OF THE DAY.
- M. ON-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- N. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- O. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- P. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- Q. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- R. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- S. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL ULTIMATELY BE RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- T. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (e.g. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- U. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

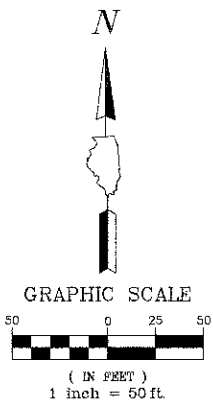
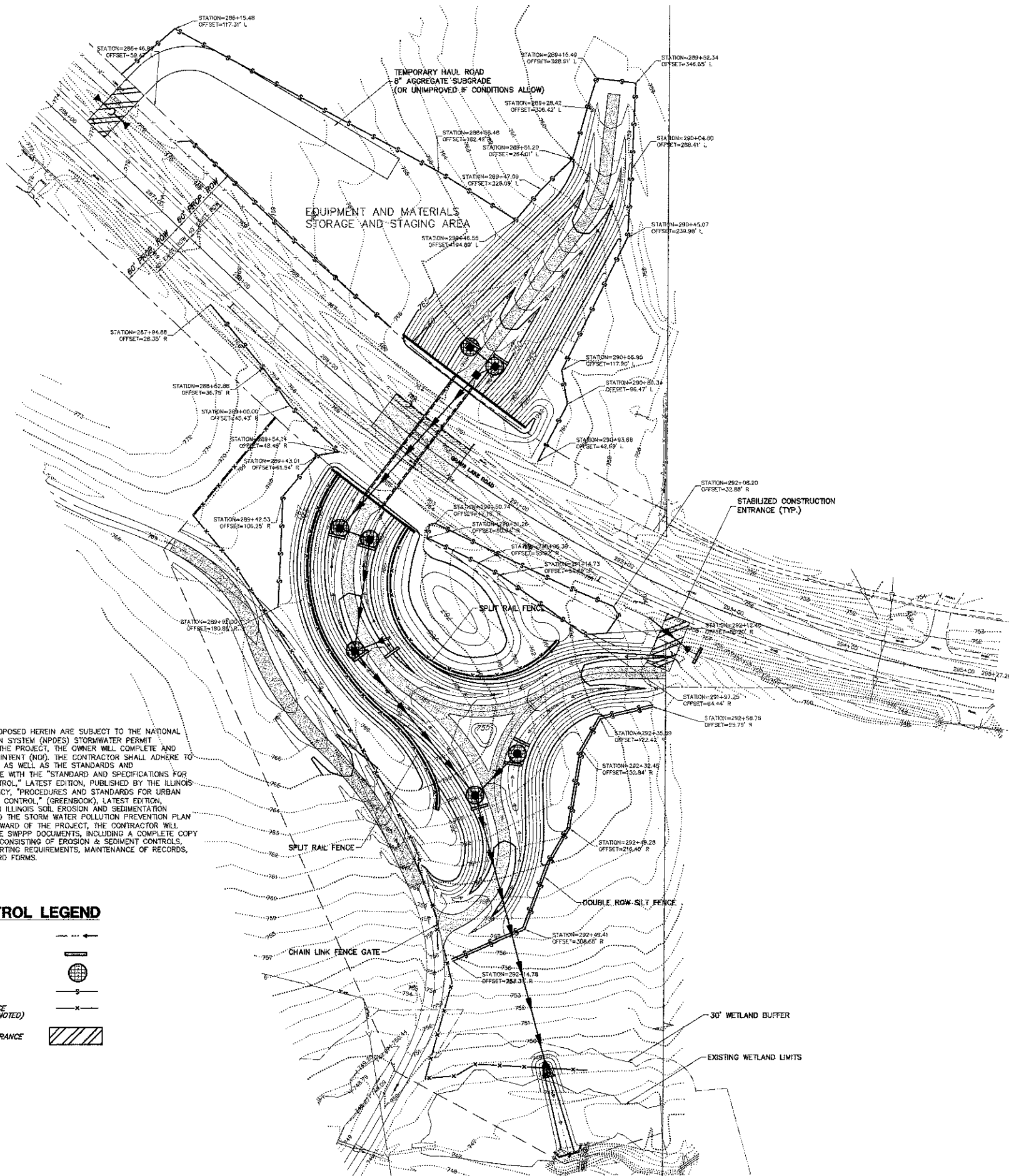
SEQUENCE OF MAJOR ACTIVITIES

1. OWNER FILES NOTICE OF INTENT (NOI) AT LEAST 30 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
2. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- ORANGE CONSTRUCTION FENCING AND/OR SILT FENCE AROUND WETLANDS AND OTHER AREAS NOT TO BE DISTURBED
 - PERIMETER SILT FENCE
 - STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK
 - INLET PROTECTION ON EXISTING STRUCTURES CLOSE TO THE DISTURBED AREA.
3. CONTRACTOR PERFORMS WEEKLY AND "AFTER RAIN EVENT" INSPECTIONS STARTING UPON DISTURBANCE OF THE SITE (DEMOLITION OR INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES).
4. DEMOLITION
5. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
6. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS AND SEDIMENT REMOVAL CHANNELS).
7. DEWATER INTO SEDIMENT REMOVAL CHANNEL, WHICH DISCHARGES TO AN UPLAND AREA. THE HOSE IN THE AREA BEING DEWATERED MUST BE ATTACHED TO A FLOATING DEVICE WITH A SCREEN.
8. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR AND TEMPORARY PERFORATED RISER. PERMANENTLY STABILIZE THE AREA WITH TOPSOIL, SEED AND EROSION CONTROL BLANKET.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING PLANT GROWTH IN BOTTOM AND SIDE SLOPES OF BASIN. DEWATERING, AS NEEDED, SHALL BE INCIDENTAL TO THE CONTRACTOR'S SCOPE.
10. ABANDON THE EXISTING SITE STORM DRAINAGE; PROTECTION OF POINTS OF ENTRY INTO EXISTING STORM DRAINAGE SYSTEM.
11. STRIP TOPSOIL, STOCK TOPSOIL AND GRADE SITE.
12. TEMPORARY CONTAINMENT OF SOIL/AGGREGATE STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE).
13. INSTALL UTILITIES AND ASSOCIATED INLET & OUTLET PROTECTION.
14. CONSTRUCT BUILDING AND PAVEMENT.
15. FINE GRADE.
16. INSTALL TOPSOIL, SEED, AND PERMANENT EROSION CONTROL.
17. REMOVE TEMPORARY EROSION CONTROL MEASURE - ONLY - WHEN SITE HAS ACHIEVED FULL STABILIZATION.
18. OWNER TO FILE NOTICE OF TERMINATION (NOT).

EROSION CONTROL LEGEND

- GRADING & SHAPING DITCHES
- TEMPORARY DITCH CHECK
- INLET FILTERS
- PERIMETER EROSION BARRIER
- CHAINLINK CONSTRUCTION FENCE (UNLESS OF TYPE OTHERWISE NOTED)
- STABILIZED CONSTRUCTION ENTRANCE

THE CONSTRUCTION ACTIVITIES PROPOSED HEREIN ARE SUBJECT TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT REQUIREMENTS. UPON AWARD OF THE PROJECT, THE OWNER WILL COMPLETE AND SUBMIT THE REQUIRED NOTICE OF INTENT (NOI). THE CONTRACTOR SHALL ADHERE TO THE NPDES PERMIT REQUIREMENTS AS WELL AS THE STANDARDS AND RECOMMENDATIONS IN ACCORDANCE WITH THE "STANDARD AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL," LATEST EDITION, PUBLISHED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL," (GREENBOOK), LATEST EDITION, PUBLISHED BY THE NORTHEASTERN ILLINOIS SOIL EROSION AND SEDIMENTATION CONTROL STEERING COMMITTEE, AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS. UPON AWARD OF THE PROJECT, THE CONTRACTOR WILL RECEIVE AND SIGN A COPY OF THE SWPPP DOCUMENTS, INCLUDING A COMPLETE COPY OF NPDES PERMIT REQUIREMENTS CONSISTING OF EROSION & SEDIMENT CONTROLS, MAINTENANCE, OBSERVATION REPORTING REQUIREMENTS, MAINTENANCE OF RECORDS, PROJECT CLOSEOUT, AND STANDARD FORMS.



FILE NAME = 4536.705-PR5.dwg	USER NAME = DAN STRAHAN	DESIGNED - DJS	REVISED - 9-7-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL EROSION/SEDIMENT CONTROL PLAN GRASS LAKE ROAD BIKE PATH UNDERPASS	SCALE 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED - 10-19-12						0174	09-P0075-15-BT	LAKE	74	15
	PLOT SCALE = 1:1	CHECKED - TPG	REVISED - 12-17-12						CONTRACT # 63778				
	PLOT DATE = 5/29/2012	DATE - 5-29-12	REVISED -						ILLINOIS FED. AID PROJECT				